

Monterey

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.79	0	NC*	Male	0.49	0	NC*
Female	0.23	0	NC*	Female	0.32	0	NC*
Total	1.02	0	NC*	Total	0.81	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.21	1	NC*	Male	0.15	0	NC*
Female	0.15	0	NC*	Female	0.11	0	NC*
Total	0.36	1	NC*	Total	0.26	0	NC*
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.04	0	NC*	Male	0.60	1	NC*
Female	4.10	3	NC*	Female	0.45	0	NC*
Total	4.13	3	NC*	Total	1.05	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.21	0	NC*	Male	0.46	0	NC*
				Female	0.20	1	NC*
				Total	0.66	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.95	3	NC*	Female	0.47	0	NC*
Female	1.44	2	NC*				
Total	3.39	5	147				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.28	1	NC*	Male	0.33	0	NC*
Female	0.07	0	NC*	Female	0.28	0	NC*
Total	0.35	1	NC*	Total	0.60	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.10	0	NC*	Male	4.79	3	NC*
Female	0.06	0	NC*				
Total	0.16	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.44	0	NC*	Male	0.33	0	NC*
Female	0.24	0	NC*	Female	0.15	0	NC*
Total	0.68	0	NC*	Total	0.49	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.25	0	NC*	Male	0.14	0	NC*
Female	0.06	0	NC*				
Total	0.31	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.34	1	NC*	Male	0.09	0	NC*
Female	0.23	1	NC*	Female	0.20	0	NC*
Total	0.57	2	NC*	Total	0.29	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.17	0	NC*	Female	0.82	0	NC*
Female	0.06	0	NC*				
Total	0.23	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	2.43	1	NC*	Male	15.39	12	78
Female	1.70	0	NC*	Female	12.40	7	56
Total	4.13	1	NC*	Total	27.79	19	68

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Montgomery

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.54	0	NC*	Male	0.36	0	NC*
Female	0.19	0	NC*	Female	0.26	0	NC*
Total	0.72	0	NC*	Total	0.61	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.15	1	NC*	Male	0.11	0	NC*
Female	0.12	0	NC*	Female	0.09	0	NC*
Total	0.27	1	NC*	Total	0.19	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.03	0	NC*	Male	0.42	0	NC*
Female	3.16	3	NC*	Female	0.36	0	NC*
Total	3.19	3	NC*	Total	0.78	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.17	0	NC*	Male	0.34	0	NC*
				Female	0.15	0	NC*
				Total	0.49	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.32	2	NC*	Female	0.36	1	NC*
Female	1.17	0	NC*				
Total	2.49	2	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.19	0	NC*	Male	0.22	0	NC*
Female	0.06	0	NC*	Female	0.22	0	NC*
Total	0.25	0	NC*	Total	0.44	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.07	0	NC*	Male	3.29	3	NC*
Female	0.05	0	NC*				
Total	0.13	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.32	0	NC*	Male	0.22	0	NC*
Female	0.19	0	NC*	Female	0.13	0	NC*
Total	0.51	0	NC*	Total	0.35	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.18	0	NC*	Male	0.10	1	NC*
Female	0.04	0	NC*				
Total	0.23	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.25	0	NC*	Male	0.07	0	NC*

Female	0.18	1	NC*	Female	0.17	0	NC*
Total	0.43	1	NC*	Total	0.24	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.12	0	NC*	Female	0.62	0	NC*
Female	0.05	0	NC*				
Total	0.17	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	1.70	1	NC*	Male	10.73	8	75
Female	1.28	1	NC*	Female	9.70	6	62
Total	2.98	2	NC*	Total	20.44	14	68

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Mount Washington

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.19	0	NC*	Male	0.11	0	NC*
Female	0.05	0	NC*	Female	0.06	0	NC*
Total	0.24	0	NC*	Total	0.17	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.04	0	NC*	Male	0.04	0	NC*
Female	0.03	0	NC*	Female	0.02	0	NC*
Total	0.07	0	NC*	Total	0.06	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.01	0	NC*	Male	0.13	0	NC*
Female	0.80	0	NC*	Female	0.09	1	NC*
Total	0.81	0	NC*	Total	0.23	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.04	0	NC*	Male	0.11	0	NC*
				Female	0.04	0	NC*
				Total	0.15	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	0.45	0	NC*	Female	0.09	0	NC*
Female	0.32	1	NC*				
Total	0.78	1	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.07	0	NC*	Male	0.08	0	NC*
Female	0.02	0	NC*	Female	0.06	0	NC*
Total	0.08	0	NC*	Total	0.14	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.02	0	NC*	Male	1.09	0	NC*
Female	0.01	0	NC*				

Total	0.03	0	NC*
<u>Kidney and Renal Pelvis</u>			
Male	0.10	0	NC*
Female	0.05	0	NC*
Total	0.15	0	NC*
<u>Larynx</u>			
Male	0.06	0	NC*
Female	0.01	0	NC*
Total	0.07	0	NC*
<u>Leukemia</u>			
Male	0.08	0	NC*
Female	0.04	0	NC*
Total	0.12	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	0.04	0	NC*
Female	0.01	0	NC*
Total	0.05	0	NC*
<u>Lung and Bronchus</u>			
Male	0.56	0	NC*
Female	0.34	0	NC*
Total	0.91	0	NC*

<u>Stomach</u>			
Male	0.08	0	NC*
Female	0.03	1	NC*
Total	0.11	1	NC*
<u>Testis</u>			
Male	0.02	0	NC*
<u>Thyroid</u>			
Male	0.02	0	NC*
Female	0.03	0	NC*
Total	0.05	0	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	0.16	0	NC*
<u>All Sites / Types</u>			
Male	3.53	0	NC*
Female	2.49	4	NC*
Total	6.02	4	NC*

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Nahant

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	3.51	4	NC*
Female	1.20	1	NC*
Total	4.71	5	106
<u>Brain and Other Central Nervous System</u>			
Male	0.88	0	NC*
Female	0.67	1	NC*
Total	1.55	1	NC*
<u>Breast</u>			
Male	0.16	0	NC*
Female	17.85	19	106
Total	18.01	19	105
<u>Cervix Uteri</u>			
Female	0.95	1	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	2.13	7	329 #+
Female	1.46	1	NC*
Total	3.59	8	223
<u>Multiple Myeloma</u>			
Male	0.66	0	NC*
Female	0.53	0	NC*
Total	1.19	0	NC*
<u>Non-Hodgkin('s) Lymphoma</u>			
Male	2.59	4	NC*
Female	2.20	1	NC*
Total	4.79	5	104
<u>Oral Cavity and Pharynx</u>			
Male	1.97	3	NC*
Female	0.90	3	NC*
Total	2.87	6	209

Colon / Rectum

Male	8.59	9	105
Female	7.57	10	132
Total	16.15	19	118

Esophagus

Male	1.17	1	NC*
Female	0.37	0	NC*
Total	1.54	1	NC*

Hodgkin's Disease (Hodgkin Lymphoma)

Male	0.41	0	NC*
Female	0.31	0	NC*
Total	0.72	0	NC*

Kidney and Renal Pelvis

Male	1.90	1	NC*
Female	1.10	1	NC*
Total	3.00	2	NC*

Larynx

Male	1.07	0	NC*
Female	0.25	1	NC*
Total	1.32	1	NC*

Leukemia

Male	1.51	0	NC*
Female	1.07	2	NC*
Total	2.58	2	NC*

Liver and Intrahepatic Bile Ducts

Male	0.73	0	NC*
Female	0.30	0	NC*
Total	1.03	0	NC*

Lung and Bronchus

Male	10.55	8	76
Female	7.69	7	91
Total	18.24	15	82

Ovary

Female	2.06	2	NC*
--------	------	---	-----

Pancreas

Male	1.42	4	NC*
Female	1.39	3	NC*
Total	2.81	7	249

Prostate

Male	20.29	20	99
------	-------	----	----

Stomach

Male	1.46	0	NC*
Female	0.82	2	NC*
Total	2.28	2	NC*

Testis

Male	0.58	1	NC*
------	------	---	-----

Thyroid

Male	0.38	0	NC*
Female	0.94	1	NC*
Total	1.32	1	NC*

Uteri, Corpus and Uterus, NOS

Female	3.46	2	NC*
--------	------	---	-----

All Sites / Types

Male	66.49	66	99
Female	57.38	66	115
Total	123.87	132	107

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Nantucket

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.90	2	NC*	Male	3.33	7	210
Female	1.84	5	272	Female	2.54	9	355 ~+
Total	6.74	7	104	Total	5.86	16	273 ^+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			

Male	1.47	4	NC*
Female	1.18	2	NC*
Total	2.65	6	227
Breast			
Male	0.23	0	NC*
Female	29.72	32	108
Total	29.95	32	107
Cervix Uteri			
Female	1.76	1	NC*
Colon / Rectum			
Male	12.14	8	66
Female	11.53	8	69
Total	23.67	16	68
Esophagus			
Male	1.78	1	NC*
Female	0.56	1	NC*
Total	2.34	2	NC*
Hodgkin's Disease (Hodgkin Lymphoma)			
Male	0.74	3	NC*
Female	0.61	0	NC*
Total	1.35	3	NC*
Kidney and Renal Pelvis			
Male	2.92	4	NC*
Female	1.78	2	NC*
Total	4.70	6	128
Larynx			
Male	1.66	2	NC*
Female	0.41	0	NC*
Total	2.07	2	NC*
Leukemia			
Male	2.31	6	260
Female	1.78	5	281
Total	4.09	11	269 ~+
Liver and Intrahepatic Bile Ducts			
Male	1.13	0	NC*
Female	0.46	0	NC*
Total	1.59	0	NC*
Lung and Bronchus			
Male	15.29	20	131
Female	12.16	16	132
Total	27.45	36	131

Male	0.96	0	NC*
Female	0.82	1	NC*
Total	1.79	1	NC*
Non-Hodgkin('s) Lymphoma			
Male	4.01	3	NC*
Female	3.53	8	226
Total	7.54	11	146
Oral Cavity and Pharynx			
Male	3.14	6	191
Female	1.47	2	NC*
Total	4.60	8	174
Ovary			
Female	3.48	2	NC*
Pancreas			
Male	2.07	3	NC*
Female	2.12	4	NC*
Total	4.20	7	167
Prostate			
Male	29.92	31	104
Stomach			
Male	2.10	2	NC*
Female	1.26	0	NC*
Total	3.36	2	NC*
Testis			
Male	1.12	3	NC*
Thyroid			
Male	0.67	1	NC*
Female	1.81	2	NC*
Total	2.48	3	NC*
Uteri, Corpus and Uterus, NOS			
Female	5.68	8	141
All Sites / Types			
Male	98.58	110	112
Female	93.25	115	123 #+
Total	191.83	225	117 #+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Natick

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	19.87	20	101	Male	13.51	16	118
Female	7.81	3	NC*	Female	10.74	20	186 #+
Total	27.68	23	83	Total	24.25	36	148 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	6.10	6	98	Male	3.90	3	NC*
Female	5.07	4	NC*	Female	3.55	3	NC*
Total	11.17	10	90	Total	7.46	6	80
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.94	0	NC*	Male	16.29	15	92
Female	127.70	166	130 ~+	Female	15.14	19	126
Total	128.65	166	129 ~+	Total	31.43	34	108
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	7.41	3	NC*	Male	12.55	20	159
				Female	6.29	11	175
				Total	18.84	31	165 #+
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	49.54	60	121	Female	14.94	25	167 #+
Female	48.99	45	92				
Total	98.53	105	107				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	7.19	5	70	Male	8.37	10	120
Female	2.38	4	NC*	Female	9.06	6	66
Total	9.57	9	94	Total	17.43	16	92
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	3.15	1	NC*	Male	124.74	135	108
Female	2.53	6	237				
Total	5.68	7	123				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	11.86	8	67	Male	8.36	4	NC*
Female	7.68	8	104	Female	5.29	6	113
Total	19.55	16	82	Total	13.65	10	73
<u>Larynx</u>				<u>Testis</u>			
Male	6.78	3	NC*	Male	4.91	5	102
Female	1.78	1	NC*				
Total	8.55	4	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	9.46	10	106	Male	2.75	3	NC*
Female	7.59	10	132	Female	7.58	10	132
Total	17.06	20	117	Total	10.33	13	126
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	4.60	5	109	Female	24.64	23	93
Female	1.98	4	NC*				
Total	6.59	9	137				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	63.59	60	94	Male	405.74	421	104
Female	52.94	56	106	Female	399.75	469	117 ^+

Total	116.53	116	100	Total	805.49	890	110 ~+
-------	--------	-----	-----	-------	--------	-----	--------

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Needham

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	21.75	18	83	Male	13.64	16	117
Female	8.72	5	57	Female	10.63	14	132
Total	30.47	23	75	Total	24.27	30	124
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.91	10	169	Male	4.19	6	143
Female	4.97	14	282 ~+	Female	3.85	2	NC*
Total	10.88	24	221 ^+	Total	8.05	8	99
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	1.01	1	NC*	Male	16.53	10	61
Female	132.05	141	107	Female	15.87	17	107
Total	133.06	142	107	Total	32.40	27	83
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	6.82	5	73	Male	12.98	11	85
				Female	6.67	4	NC*
				Total	19.65	15	76
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	53.79	43	80	Female	15.14	22	145
Female	54.55	47	86				
Total	108.34	90	83				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	7.67	7	91	Male	9.05	2	NC*
Female	2.67	4	NC*	Female	10.05	10	99
Total	10.34	11	106	Total	19.10	12	63
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	2.66	2	NC*	Male	134.29	169	126 ~+
Female	2.18	3	NC*				
Total	4.84	5	103				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	12.35	16	130	Male	9.09	6	66
Female	8.11	3	NC*	Female	5.94	3	NC*
Total	20.46	19	93	Total	15.02	9	60
<u>Larynx</u>				<u>Testis</u>			
Male	7.13	1	NC*	Male	3.65	5	137
Female	1.86	1	NC*				
Total	8.99	2	NC*				

<u>Leukemia</u>				<u>Thyroid</u>			
Male	9.73	15	154	Male	2.49	6	241
Female	8.04	13	162	Female	6.69	7	105
Total	17.78	28	158 #+	Total	9.19	13	142
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	4.81	3	NC*	Female	25.80	22	85
Female	2.17	4	NC*				
Total	6.99	7	100				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	68.22	41	60 ^-	Male	429.38	413	96
Female	56.03	45	80	Female	420.02	422	100
Total	124.25	86	69 ^-	Total	849.40	835	98

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

New Ashford

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.19	0	NC*	Male	0.12	0	NC*
Female	0.05	0	NC*	Female	0.06	0	NC*
Total	0.24	0	NC*	Total	0.18	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.05	0	NC*	Male	0.04	1	NC*
Female	0.03	0	NC*	Female	0.02	0	NC*
Total	0.08	0	NC*	Total	0.06	1	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.01	0	NC*	Male	0.14	0	NC*
Female	0.75	0	NC*	Female	0.09	0	NC*
Total	0.76	0	NC*	Total	0.24	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.04	0	NC*	Male	0.11	0	NC*
				Female	0.04	0	NC*
				Total	0.15	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	0.48	0	NC*	Female	0.09	0	NC*
Female	0.31	0	NC*				
Total	0.79	0	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.07	0	NC*	Male	0.08	0	NC*
Female	0.01	0	NC*	Female	0.06	0	NC*
Total	0.08	0	NC*	Total	0.14	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			

Male	0.02	0	NC*
Female	0.01	0	NC*
Total	0.04	0	NC*

Kidney and Renal Pelvis

Male	0.11	0	NC*
Female	0.05	0	NC*
Total	0.15	0	NC*

Larynx

Male	0.06	0	NC*
Female	0.01	0	NC*
Total	0.07	0	NC*

Leukemia

Male	0.08	0	NC*
Female	0.04	0	NC*
Total	0.13	0	NC*

Liver and Intrahepatic Bile Ducts

Male	0.04	0	NC*
Female	0.01	0	NC*
Total	0.05	0	NC*

Lung and Bronchus

Male	0.61	0	NC*
Female	0.33	0	NC*
Total	0.94	0	NC*

Male	1.20	0	NC*
------	------	---	-----

Stomach

Male	0.08	0	NC*
Female	0.03	0	NC*
Total	0.11	0	NC*

Testis

Male	0.03	0	NC*
------	------	---	-----

Thyroid

Male	0.02	0	NC*
Female	0.04	0	NC*
Total	0.06	0	NC*

Uteri, Corpus and Uterus, NOS

Female	0.15	0	NC*
--------	------	---	-----

All Sites / Types

Male	3.79	1	NC*
Female	2.41	0	NC*
Total	6.20	1	NC*

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

New Bedford

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	69.29	53	76
Female	30.92	28	91
Total	100.20	81	81

Brain and Other Central Nervous System

Male	18.44	19	103
Female	17.03	12	70
Total	35.47	31	87

Breast

Male	3.11	3	NC*
Female	429.63	375	87 ~-
Total	432.74	378	87 ~-

Cervix Uteri

Melanoma of Skin

Male	42.21	25	59 ~-
Female	35.50	10	28 ^-
Total	77.71	35	45 ^-

Multiple Myeloma

Male	13.00	18	138
Female	13.25	11	83
Total	26.25	29	110

Non-Hodgkin('s) Lymphoma

Male	52.05	41	79
Female	55.28	50	90
Total	107.33	91	85

Oral Cavity and Pharynx

Male	38.42	45	117
------	-------	----	-----

Female	22.61	32	142	Female	22.28	24	108
				Total	60.70	69	114
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	170.06	187	110				
Female	194.72	204	105	Female	49.73	52	105
Total	364.78	391	107				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	23.03	29	126	Male	28.03	31	111
Female	9.51	9	95	Female	35.60	40	112
Total	32.54	38	117	Total	63.63	71	112
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	8.96	14	156	Male	405.39	348	86 ~-
Female	7.85	9	115				
Total	16.81	23	137				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	37.52	46	123	Male	28.58	45	157 ~+
Female	27.36	21	77	Female	21.21	23	108
Total	64.88	67	103	Total	49.80	68	137 #+
<u>Larynx</u>				<u>Testis</u>			
Male	21.09	35	166 ~+	Male	13.17	12	91
Female	6.03	10	166				
Total	27.12	45	166 ~+				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	31.11	27	87	Male	7.73	8	103
Female	27.80	33	119	Female	22.50	17	76
Total	58.92	60	102	Total	30.24	25	83
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	14.56	12	82				
Female	7.62	12	157	Female	82.94	87	105
Total	22.18	24	108				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	210.37	243	116 #+	Male	1327.42	1313	99
Female	190.38	124	65 ^-	Female	1419.42	1293	91 ^-
Total	400.76	367	92	Total	2746.83	2606	95 ~-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

New Braintree

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.54	1	NC*	Male	0.41	1	NC*
Female	0.17	0	NC*	Female	0.28	0	NC*

Total	0.71	1	NC*
<u>Brain and Other Central Nervous System</u>			
Male	0.19	0	NC*
Female	0.13	1	NC*
Total	0.32	1	NC*
<u>Breast</u>			
Male	0.03	0	NC*
Female	3.24	4	NC*
Total	3.26	4	NC*
<u>Cervix Uteri</u>			
Female	0.20	0	NC*
<u>Colon / Rectum</u>			
Male	1.35	1	NC*
Female	1.04	1	NC*
Total	2.39	2	NC*
<u>Esophagus</u>			
Male	0.21	0	NC*
Female	0.05	0	NC*
Total	0.26	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>			
Male	0.10	0	NC*
Female	0.07	0	NC*
Total	0.17	0	NC*
<u>Kidney and Renal Pelvis</u>			
Male	0.35	0	NC*
Female	0.18	0	NC*
Total	0.53	0	NC*
<u>Larynx</u>			
Male	0.20	0	NC*
Female	0.04	0	NC*
Total	0.24	0	NC*
<u>Leukemia</u>			
Male	0.28	0	NC*
Female	0.18	0	NC*
Total	0.47	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>			
Male	0.13	0	NC*
Female	0.04	0	NC*
Total	0.18	0	NC*
<u>Lung and Bronchus</u>			
Male	1.73	1	NC*
Female	1.20	0	NC*
Total	2.93	1	NC*

Total	0.69	1	NC*
<u>Multiple Myeloma</u>			
Male	0.11	0	NC*
Female	0.08	0	NC*
Total	0.19	0	NC*
<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.49	2	NC*
Female	0.35	0	NC*
Total	0.84	2	NC*
<u>Oral Cavity and Pharynx</u>			
Male	0.38	0	NC*
Female	0.15	0	NC*
Total	0.54	0	NC*
<u>Ovary</u>			
Female	0.38	0	NC*
<u>Pancreas</u>			
Male	0.23	0	NC*
Female	0.19	0	NC*
Total	0.43	0	NC*
<u>Prostate</u>			
Male	3.37	4	NC*
<u>Stomach</u>			
Male	0.24	0	NC*
Female	0.11	0	NC*
Total	0.35	0	NC*
<u>Testis</u>			
Male	0.16	0	NC*
<u>Thyroid</u>			
Male	0.09	0	NC*
Female	0.21	1	NC*
Total	0.30	1	NC*
<u>Uteri, Corpus and Uterus, NOS</u>			
Female	0.62	1	NC*
<u>All Sites / Types</u>			
Male	11.39	11	97
Female	9.58	10	104
Total	20.96	21	100

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

New Marlborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	1.17	0	NC*	Male	0.74	1	NC*
Female	0.40	0	NC*	Female	0.56	0	NC*
Total	1.57	0	NC*	Total	1.30	1	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.32	0	NC*	Male	0.23	0	NC*
Female	0.26	0	NC*	Female	0.18	0	NC*
Total	0.58	0	NC*	Total	0.41	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.05	0	NC*	Male	0.89	0	NC*
Female	6.63	3	NC*	Female	0.78	1	NC*
Total	6.69	3	NC*	Total	1.67	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.39	1	NC*	Male	0.70	0	NC*
				Female	0.32	0	NC*
				Total	1.02	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	2.88	1	NC*	Female	0.78	1	NC*
Female	2.49	2	NC*				
Total	5.37	3	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.41	0	NC*	Male	0.48	0	NC*
Female	0.12	0	NC*	Female	0.46	0	NC*
Total	0.53	0	NC*	Total	0.94	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.14	0	NC*	Male	7.02	2	NC*
Female	0.13	0	NC*				
Total	0.27	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.67	0	NC*	Male	0.48	0	NC*
Female	0.40	0	NC*	Female	0.27	1	NC*
Total	1.07	0	NC*	Total	0.75	1	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.38	0	NC*	Male	0.20	1	NC*
Female	0.09	0	NC*				
Total	0.47	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	0.53	0	NC*	Male	0.13	0	NC*
Female	0.39	0	NC*	Female	0.40	0	NC*
Total	0.92	0	NC*	Total	0.53	0	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	0.26	0	NC*	Female	1.28	0	NC*
Female	0.10	0	NC*				
Total	0.36	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			

Male	3.64	1	NC*	Male	22.86	6	26 ^-
Female	2.72	1	NC*	Female	20.61	11	53 #-
Total	6.37	2	NC*	Total	43.47	17	39 ^-

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

New Salem

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.61	0	NC*	Male	0.41	0	NC*
Female	0.19	0	NC*	Female	0.28	0	NC*
Total	0.80	0	NC*	Total	0.69	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.18	0	NC*	Male	0.12	0	NC*
Female	0.12	0	NC*	Female	0.09	0	NC*
Total	0.31	0	NC*	Total	0.21	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.03	0	NC*	Male	0.49	1	NC*
Female	3.33	2	NC*	Female	0.37	0	NC*
Total	3.36	2	NC*	Total	0.86	1	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.19	0	NC*	Male	0.41	0	NC*
				Female	0.16	0	NC*
				Total	0.57	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.51	3	NC*	Female	0.38	0	NC*
Female	1.21	1	NC*				
Total	2.72	4	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.23	0	NC*	Male	0.26	0	NC*
Female	0.06	0	NC*	Female	0.22	0	NC*
Total	0.29	0	NC*	Total	0.48	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.08	0	NC*	Male	3.94	3	NC*
Female	0.06	0	NC*				
Total	0.14	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.38	1	NC*	Male	0.26	0	NC*
Female	0.19	0	NC*	Female	0.13	0	NC*
Total	0.57	1	NC*	Total	0.39	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.22	0	NC*	Male	0.10	0	NC*

Female	0.05	0	NC*
Total	0.27	0	NC*

Leukemia

Male	0.29	0	NC*
Female	0.19	0	NC*
Total	0.48	0	NC*

Liver and Intrahepatic Bile Ducts

Male	0.15	0	NC*
Female	0.05	0	NC*
Total	0.20	0	NC*

Lung and Bronchus

Male	1.97	0	NC*
Female	1.29	3	NC*
Total	3.26	3	NC*

Thyroid

Male	0.08	0	NC*
Female	0.19	0	NC*
Total	0.27	0	NC*

Uteri, Corpus and Uterus, NOS

Female	0.64	0	NC*
--------	------	---	-----

All Sites / Types

Male	12.54	9	72
Female	10.12	6	59
Total	22.66	15	66

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Newbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>			
Male	3.87	1	NC*
Female	1.50	1	NC*
Total	5.38	2	NC*

<u>Brain and Other Central Nervous System</u>			
Male	1.29	1	NC*
Female	1.00	2	NC*
Total	2.29	3	NC*

<u>Breast</u>			
Male	0.20	0	NC*
Female	26.13	32	122
Total	26.33	32	122

<u>Cervix Uteri</u>			
Female	1.43	3	NC*

<u>Colon / Rectum</u>			
Male	9.79	11	112
Female	9.40	15	160
Total	19.19	26	136

<u>Esophagus</u>			
Male	1.56	1	NC*
Female	0.46	0	NC*

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Melanoma of Skin</u>			
Male	2.83	1	NC*
Female	2.12	1	NC*
Total	4.95	2	NC*

<u>Multiple Myeloma</u>			
Male	0.81	1	NC*
Female	0.71	1	NC*
Total	1.51	2	NC*

<u>Non-Hodgkin(s) Lymphoma</u>			
Male	3.32	4	NC*
Female	2.94	4	NC*
Total	6.26	8	128

<u>Oral Cavity and Pharynx</u>			
Male	2.81	3	NC*
Female	1.27	3	NC*
Total	4.08	6	147

<u>Ovary</u>			
Female	3.02	2	NC*

<u>Pancreas</u>			
Male	1.72	2	NC*
Female	1.74	3	NC*

Total	2.02	1	NC*
Hodgkin's Disease (Hodgkin Lymphoma)			
Male	0.61	1	NC*
Female	0.46	1	NC*
Total	1.06	2	NC*
Kidney and Renal Pelvis			
Male	2.55	0	NC*
Female	1.54	0	NC*
Total	4.09	0	NC*
Larynx			
Male	1.51	1	NC*
Female	0.37	0	NC*
Total	1.87	1	NC*
Leukemia			
Male	1.91	2	NC*
Female	1.51	2	NC*
Total	3.42	4	NC*
Liver and Intrahepatic Bile Ducts			
Male	0.99	0	NC*
Female	0.39	0	NC*
Total	1.38	0	NC*
Lung and Bronchus			
Male	13.12	7	53
Female	10.52	12	114
Total	23.64	19	80

Total	3.46	5	144
Prostate			
Male	26.56	28	105
Stomach			
Male	1.68	1	NC*
Female	1.01	0	NC*
Total	2.69	1	NC*
Testis			
Male	0.86	1	NC*
Thyroid			
Male	0.58	0	NC*
Female	1.44	1	NC*
Total	2.02	1	NC*
Uteri, Corpus and Uterus, NOS			
Female	5.13	7	137
All Sites / Types			
Male	83.92	73	87
Female	79.63	94	118
Total	163.56	167	102

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Newburyport

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	Exp	Obs	SIR
Bladder, Urinary			
Male	10.16	8	79
Female	4.47	2	NC*
Total	14.64	10	68
Brain and Other Central Nervous System			
Male	3.19	3	NC*
Female	2.76	5	181
Total	5.95	8	134
Breast			
Male	0.49	0	NC*
Female	72.73	79	109
Total	73.22	79	108

	Exp	Obs	SIR
Melanoma of Skin			
Male	7.15	8	112
Female	6.03	15	249 ~+
Total	13.18	23	175 #+
Multiple Myeloma			
Male	2.04	1	NC*
Female	2.02	3	NC*
Total	4.06	4	NC*
Non-Hodgkin('s) Lymphoma			
Male	8.52	14	164
Female	8.46	10	118
Total	16.98	24	141

Cervix Uteri

Female	4.07	3	NC*
--------	------	---	-----

Colon / Rectum

Male	25.30	30	119
Female	28.04	34	121
Total	53.34	64	120

Esophagus

Male	3.81	4	NC*
Female	1.36	1	NC*
Total	5.18	5	97

Hodgkin's Disease (Hodgkin Lymphoma)

Male	1.59	2	NC*
Female	1.32	2	NC*
Total	2.92	4	NC*

Kidney and Renal Pelvis

Male	6.30	1	NC*
Female	4.32	5	116
Total	10.62	6	56

Larynx

Male	3.61	3	NC*
Female	1.00	1	NC*
Total	4.61	4	NC*

Leukemia

Male	4.90	6	122
Female	4.30	6	140
Total	9.20	12	130

Liver and Intrahepatic Bile Ducts

Male	2.43	1	NC*
Female	1.12	0	NC*
Total	3.56	1	NC*

Lung and Bronchus

Male	32.40	41	127
Female	29.44	37	126
Total	61.84	78	126

Oral Cavity and Pharynx

Male	6.83	4	NC*
Female	3.58	7	195
Total	10.42	11	106

Ovary

Female	8.42	10	119
--------	------	----	-----

Pancreas

Male	4.36	6	138
Female	5.15	6	117
Total	9.51	12	126

Prostate

Male	63.72	59	93
------	-------	----	----

Stomach

Male	4.38	2	NC*
Female	3.06	3	NC*
Total	7.44	5	67

Testis

Male	2.40	2	NC*
------	------	---	-----

Thyroid

Male	1.46	1	NC*
Female	4.11	2	NC*
Total	5.56	3	NC*

Uteri, Corpus and Uterus, NOS

Female	14.04	14	100
--------	-------	----	-----

All Sites / Types

Male	209.06	210	100
Female	226.22	270	119 ~+
Total	435.29	480	110 #+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Newton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

<u>Bladder, Urinary</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	<u>Melanoma of Skin</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
-------------------------	------------	------------	------------	-------------------------	------------	------------	------------

Male	59.57	51	86
Female	24.08	15	62
Total	83.65	66	79

Brain and Other Central Nervous System

Male	17.37	12	69
Female	15.06	13	86
Total	32.44	25	77

Breast

Male	2.78	1	NC*
Female	386.57	448	116 ~+
Total	389.35	449	115 ~+

Cervix Uteri

Female	22.27	9	40 ~-
--------	-------	---	-------

Colon / Rectum

Male	147.51	124	84
Female	151.07	144	95
Total	298.58	268	90

Esophagus

Male	21.19	16	76
Female	7.34	11	150
Total	28.53	27	95

Hodgkin's Disease (Hodgkin Lymphoma)

Male	8.76	11	126
Female	7.51	13	173
Total	16.27	24	148

Kidney and Renal Pelvis

Male	34.75	33	95
Female	23.10	28	121
Total	57.85	61	105

Larynx

Male	19.77	9	46 #-
Female	5.27	3	NC*
Total	25.04	12	48 ~-

Leukemia

Male	27.64	37	134
Female	23.25	37	159 #+
Total	50.89	74	145 ~+

Liver and Intrahepatic Bile Ducts

Male	13.46	8	59
Female	6.04	6	99
Total	19.51	14	72

Lung and Bronchus

Male	186.06	127	68 ^-
Female	157.16	140	89
Total	343.22	267	78 ^-

Male	39.54	43	109
Female	32.60	46	141 #+
Total	72.14	89	123

Multiple Myeloma

Male	11.58	18	155
Female	10.77	16	148
Total	22.36	34	152 #+

Non-Hodgkin('s) Lymphoma

Male	47.75	65	136 #+
Female	45.69	65	142 ~+
Total	93.45	130	139 ^+

Oral Cavity and Pharynx

Male	36.84	26	71
Female	19.12	18	94
Total	55.96	44	79

Ovary

Female	45.02	55	122
--------	-------	----	-----

Pancreas

Male	24.92	22	88
Female	27.70	25	90
Total	52.62	47	89

Prostate

Male	362.90	347	96
------	--------	-----	----

Stomach

Male	25.17	22	87
Female	16.53	8	48 #-
Total	41.70	30	72

Testis

Male	13.37	15	112
------	-------	----	-----

Thyroid

Male	7.82	18	230 ~+
Female	22.73	23	101
Total	30.55	41	134

Uteri, Corpus and Uterus, NOS

Female	74.09	62	84
--------	-------	----	----

All Sites / Types

Male	1189.38	1081	91 ~-
Female	1211.49	1263	104
Total	2400.87	2344	98

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels

Norfolk

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	4.85	4	NC*	Male	4.45	8	180
Female	1.17	3	NC*	Female	2.23	5	224
Total	6.02	7	116	Total	6.68	13	194 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.16	1	NC*	Male	1.07	0	NC*
Female	1.08	1	NC*	Female	0.60	0	NC*
Total	3.24	2	NC*	Total	1.67	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.26	0	NC*	Male	5.17	4	NC*
Female	26.18	28	107	Female	2.63	2	NC*
Total	26.45	28	106	Total	7.80	6	77
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	1.65	1	NC*	Male	4.25	1	NC*
				Female	1.19	0	NC*
				Total	5.45	1	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	12.49	10	80	Female	3.09	1	NC*
Female	7.24	3	NC*				
Total	19.73	13	66				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.14	3	NC*	Male	2.28	1	NC*
Female	0.35	0	NC*	Female	1.36	1	NC*
Total	2.49	3	NC*	Total	3.64	2	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	1.30	1	NC*	Male	33.94	32	94
Female	0.56	2	NC*				
Total	1.86	3	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	3.72	5	135	Male	2.22	2	NC*
Female	1.42	1	NC*	Female	0.79	0	NC*
Total	5.14	6	117	Total	3.01	2	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	2.13	1	NC*	Male	2.23	3	NC*
Female	0.35	2	NC*				
Total	2.48	3	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			
Male	2.84	3	NC*	Male	1.11	1	NC*
Female	1.49	2	NC*	Female	1.74	2	NC*
Total	4.33	5	116	Total	2.86	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.43	0	NC*	Female	5.06	5	99
Female	0.32	0	NC*				

Total	1.75	0	NC*				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	16.95	10	59	Male	114.74	96	84
Female	9.25	5	54	Female	74.57	69	93
Total	26.20	15	57 #-	Total	189.31	165	87

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels